Abstract

An unauthorized apparatus detection device detecting clones
of a playback device. In a management server, a reception processing
unit acquires a user terminal identifier and a first random number
of a user terminal, judges whether a second management server random
number, which is stored in a storage unit in correspondence with
the user terminal identifier, matches the first user terminal random
number. If the two fail to match, a display unit displays a message
indicating that a clone exists. If the two match, a terminal information
generation unit generates a new random number, and writes the generated
random number as the second random number in the storage unit. A
transmission processing unit transmits the generated random number
to the user terminal via a transmission/reception unit and the user
terminal updates the first user terminal random number to the generated
random number.